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Using the Gateway 205 Projector

Read this guide to find out how to:

- Use the projector safely
- Use the remote control
- Set up and connect the projector
- Start and turn off the projector
- Use the On-screen display (OSD) menus
- Replace the lamp module
- Troubleshoot typical hardware problems



Features

The Gateway 205 is a high-resolution projector with:

- Compact, lightweight design
- Full-function remote including laser pointer and mouse controls
- 16 million-color display capability
- Ultra-high brightness projection lamp
- High-quality manual zoom lens
- On-screen display (OSD) menus for easy adjustment
- One-button AUTO adjust for best display image
- Easy Keystone correction for distorted images
- Component video compatibility

Before using your projector please read the following safety instructions:

Warning



Do not cover the lens while the lamp is on.

Warning



To protect your eyes, do not look into the projector's light source.

Warning



Make sure that you provide adequate ventilation for the projector. Do not block the ventilation holes in the case.

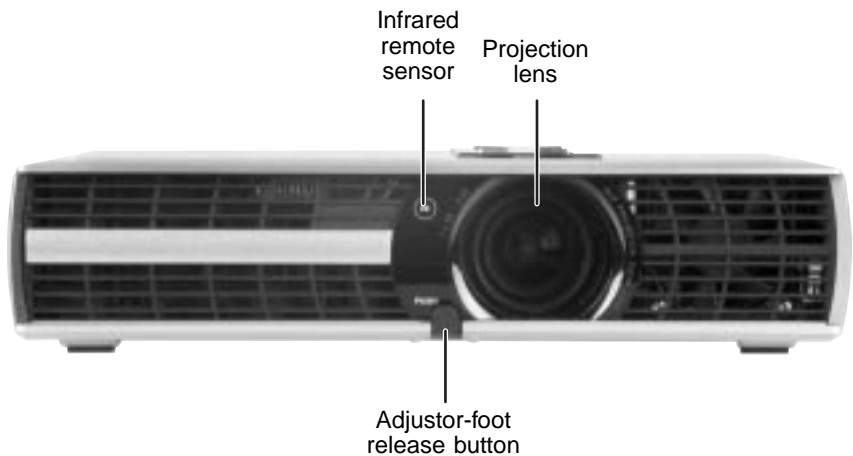
Warning



To prevent electrical shock, never open the projector case.

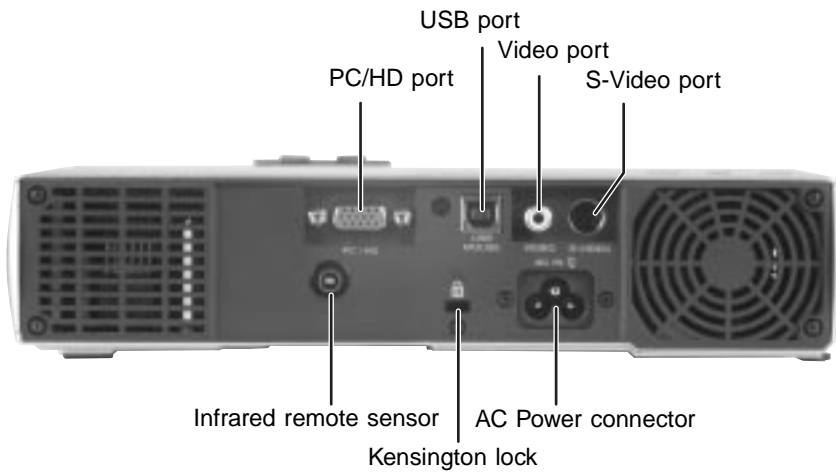
For a complete list of safety precautions, see “Important safety information” on page 39.




Projector front



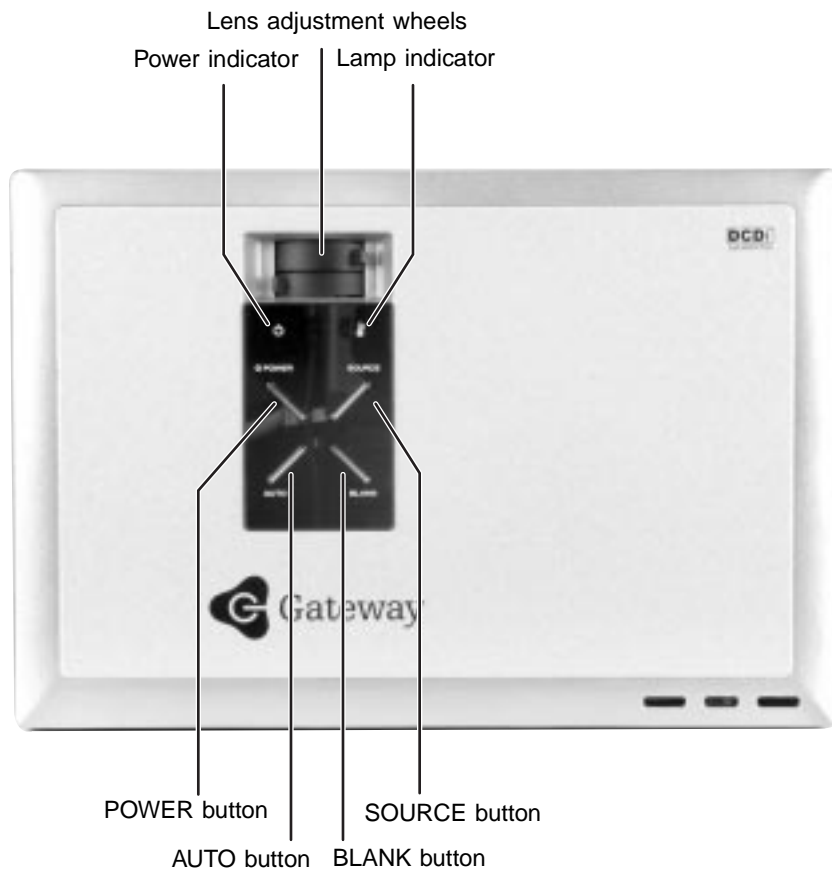
Item	Icon	Description
Infrared remote sensor		Picks up the signal from the remote control.
Projection lens		Projects the image on the screen.
Adjustor-foot release button		Press to release the adjustor-foot. For more information, see “Setting up the projector” on page 16.



Projector back



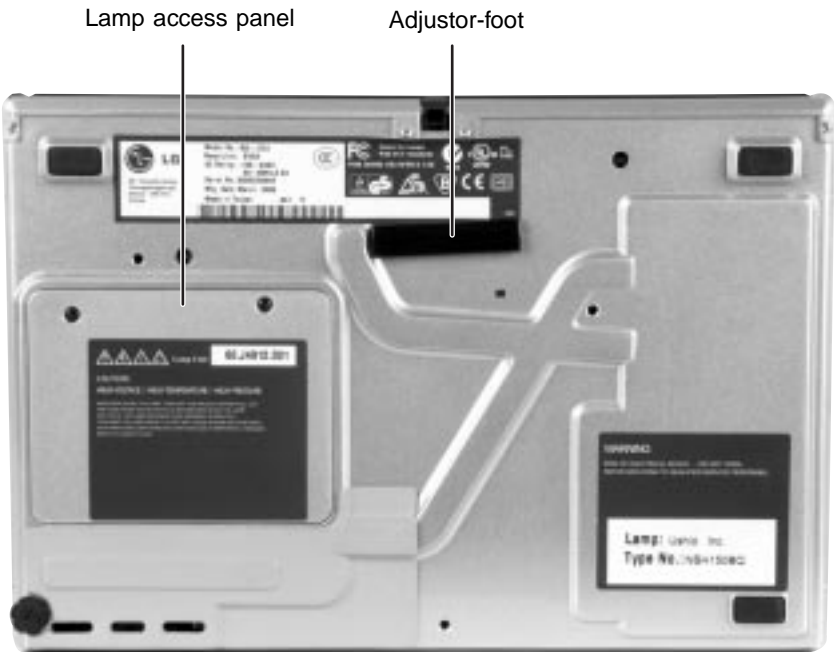
Item	Icon	Description
PC/HD port		<p>PC: Plug the video cable from your computer into this port. See “Connecting to your computer” on page 17.</p> <p>HD: Plug a component video cable into this port. For more information, see “Connecting to a satellite dish” on page 21.</p>
USB port		Plug the USB cable into this port so you can use the remote control as a mouse.
Video port		Plug the video connector from a composite video cable into this port. For more information, see “To connect the projector to a DVD player or VCR using composite video:” on page 19.
S-Video port		Plug an S-Video cable into this port. For more information, see “To connect the projector to a DVD player or VCR using S-Video:” on page 20.
Infrared remote sensor		Picks up the signal from the remote control.
Kensington™ lock slot		Connect a Kensington cable lock to this slot to secure the projector to an object.
AC power connector		Plug an AC power cable into this connector.

Projector top



Item	Icon	Description
Power indicator		Displays power status. For more information, see "LED status" on page 35.
Lens adjustment wheels		Manually focus or zoom the display image.
Lamp indicator		Displays lamp status. For more information, see "LED status" on page 35.
POWER button		Press to turn the power off and on.
AUTO button		Press to automatically adjust the display image to the best settings for the video input source. This function is only available when the projector is connected to your computer.
BLANK button		Press to select a blue display screen.
SOURCE button		Press to select the video input source.

Projector bottom



Item	Icon	Description
Lamp access panel		Remove the two screws to access the lamp bay. For more information, see “Changing the lamp module” on page 27.
Adjustor-foot		Press the button on the front of the projector to release the adjustor-foot. For more information, see “Setting up the projector” on page 16.




Cables




The projector comes with several cables so you can connect to your computer or other video component. See “Connecting components” on page 17.

Important



The Gateway 205 does not support internal audio. You must use an external audio source, such as the speakers with your computer, to receive an audio signal.

Cable	Description
	AC power cable. Use this cable to connect the projector to a correctly grounded electrical outlet or surge protector.
	VGA cable. Connect this cable to send the video signal from your computer to the projector.
	USB cable. Use this cable to connect your computer to the projector so you can use the remote control as a mouse.

Cable	Description
	<p>Composite video cable. Use this cable to connect a video component, such as a DVD player or VCR, to the projector.</p> <p>The video signal is carried through a single video (yellow) connection.</p> <p>The two additional connectors carry the left (white) and right (red) channel audio signals to an audio receiver.</p>
	<p>S-Video cable. Use this cable to connect a video component, such as a DVD player or VCR, to the projector.</p> <p>The video signal is split into two signals, black-and-white and color. This type of cable produces a better picture than the single-connector from the composite video cable.</p> <p>This cable provides no audio output.</p>
	<p>Component video cable. Use this cable to connect a video component, such as a progressive-scan DVD player or satellite dish, to the projector.</p> <p>The video signal is split into three signals, one black-and-white and two color. This type cable provides the best possible picture.</p> <p>This cable provides no audio output.</p>

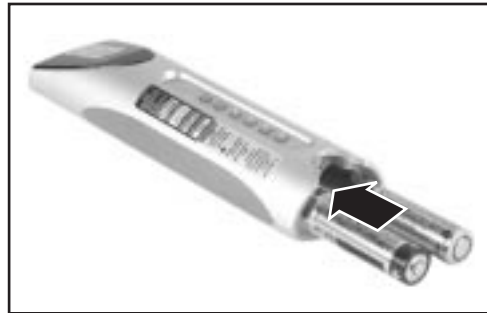
Remote control

The infrared remote sensors are located on the front and back of the projector. The distance between the sensors and remote control should not exceed 29.5 feet (9 meters) for the remote control to function correctly.



To insert batteries in the remote control:

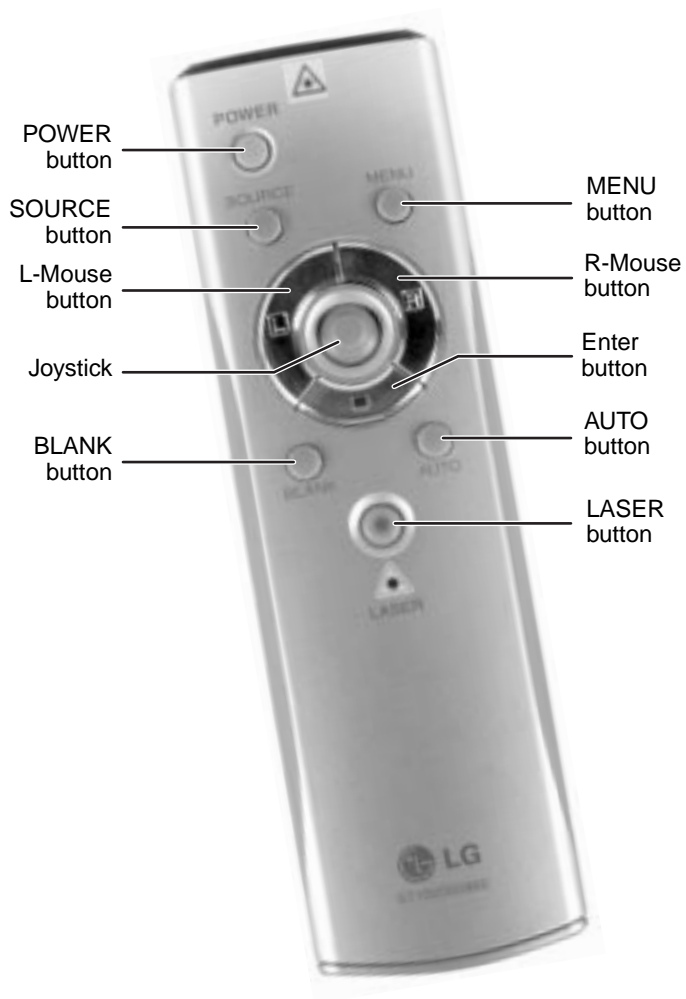
- 1 Remove the battery compartment cover.
- 2 Insert two AA batteries into the battery compartment. Make sure that the + and – symbols match the + and – symbols inside the battery compartment.



- 3 Replace the battery compartment cover.

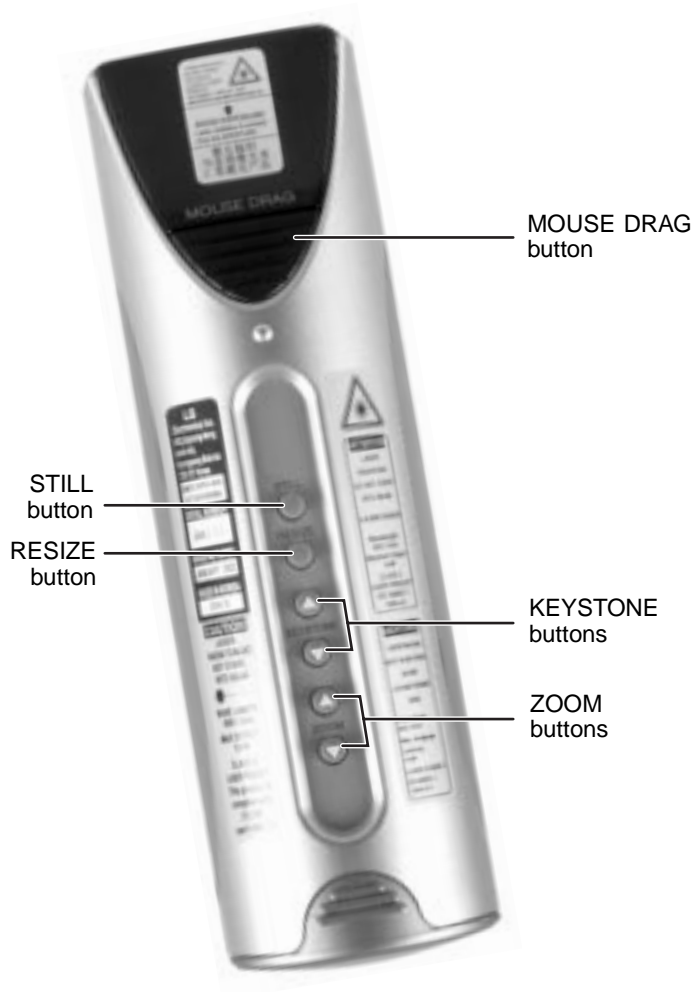


Remote front



Item	Description
POWER	Press to turn the projector on and off.
SOURCE	Press to view the current video input source and switch between video input sources.
L-Mouse	Mouse active: Use as the left mouse button. Zoom active: Increase the size of the display image.
Joystick	OSD active: Move up and down to highlight OSD sub-menus and left and right to adjust OSD options. OSD inactive: Move the cursor within the display image. Zoom active: Move within the zoomed display image. For more information about the OSD options, see “OSD options” on page 23.
BLANK	Press to view a blank screen. Choose between blue, black, green, and a Gateway Logo screen.
MENU	Press to view the OSD. Press again to exit. For more information about the OSD options, see “OSD options” on page 23.
R-Mouse	Mouse active: Use as the right mouse button. Zoom active: Decrease the size of the display image.
Enter	Press to select an OSD option. For more information about the OSD options, see “OSD options” on page 23.
AUTO	Press to automatically adjust the display image to the best settings for the video input source. This option is only available when connected to your computer.
LASER	Press to activate the laser pointer.

Remote back



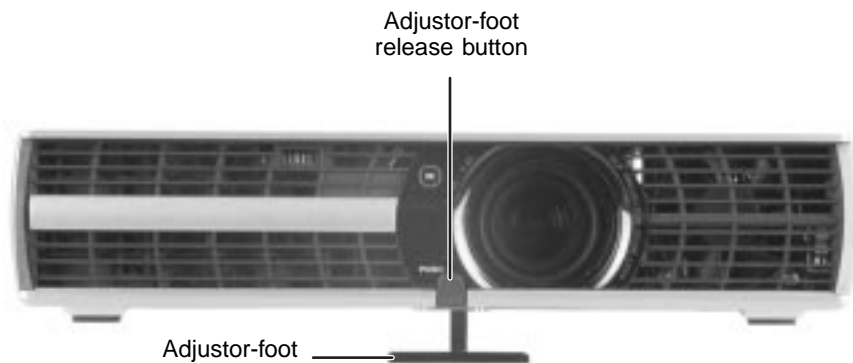
Item	Description
STILL	Press to freeze the display image.
RESIZE	Press to scale the display image up one size, or back down to the original size.
MOUSE DRAG	Press to activate mouse drag, click on the object that you want to move, then use the joystick to move the object around in the display image.
KEystone	Press the \triangle button to correct a display image that is wider at the top, and press the ∇ button to correct a display image that is wider at the bottom. To eliminate text distortion, do not use when displaying text or spreadsheets.
ZOOM	Press the \triangle and ∇ button to zoom the display image in and out. Use the joystick to move within the zoomed display image.

Setting up the projector



To set up the projector:

- 1 Place the projector on a sturdy cart or table close to other components you plan to connect to the projector and an electrical outlet.
- 2 Point the projector lens towards a blank wall or projection screen.
- 3 Press the button on the front of the projector to release the adjustor-foot so you can adjust the tilt angle of the projector.



- 4 Plug the AC power cable into the AC power (AC IN) connector on the back of the projector, then plug the other end into a correctly grounded electrical outlet or surge protector.



Connecting components

You can connect the projector to your computer, DVD player or VCR, and satellite dish receiver.

To connect the projector to a DVD player or VCR, go to “Connecting to a DVD player or VCR” on page 19.

To connect the projector to a satellite dish, go to “Connecting to a satellite dish” on page 21.

Connecting to your computer



To connect the projector to your computer:

- 1 Plug the VGA cable into the blue PC/HD port on the back of the projector, then plug the other end into the blue video port on the back of your computer.



Tips & Tricks



If you are connecting to a notebook, you may need to make adjustments to the notebook's display settings to view the display image through the projector. See the documentation that came with your notebook for information about changing display settings.



- 2** If you want to use the remote control as a mouse, plug the USB cable into the USB port on the back of the projector, then plug the other end into a USB port on the back of your computer.



Connecting to a DVD player or VCR

If you are using composite video to connect the DVD player or VCR, follow these instructions. If you are using S-Video to connect the DVD player or VCR, go to “To connect the projector to a DVD player or VCR using S-Video:” on page 20.



To connect the projector to a DVD player or VCR using composite video:

- 1 Plug the yellow composite video cable connector into the Video port on the back of the projector, then plug the yellow, white, and red connectors on the other end into the corresponding line out ports on the back of the DVD player or VCR.



- 2 Plug the remaining red and white audio connectors from the composite video cable into the corresponding ports on the back of an audio receiver.





To connect the projector to a DVD player or VCR using S-Video:

- 1 Plug the S-Video cable connector into the S-Video port on the back of the projector, then plug the other end into the S-Video port on the back of the DVD player or VCR.



- 2 Plug the red and white connectors from a composite video cable into the corresponding ports on the back of the DVD player or VCR, then plug the red and white connectors on the other end to the corresponding ports on an audio receiver.



Connecting to a satellite dish

▶ To connect the projector to a satellite dish:

- 1 Plug the component cable connector into the PC/HD port on the back of the projector, then plug the green, blue, and red connectors on the other end into the corresponding ports on the back of the satellite dish receiver.



- 2 Plug the red and white connectors from a composite video cable into the corresponding ports on the back of the satellite dish receiver, then plug the red and white connectors on the other end to the corresponding ports on an audio receiver.



Operating the projector

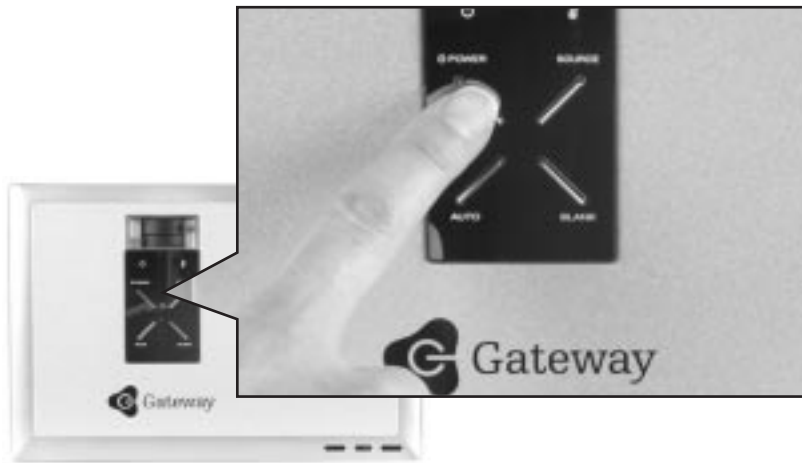
After you have connected all components to the projector, you are ready to begin using the projector.

Starting the projector



To start the projector:

- 1 Press the POWER button. The power LED turns on.



- 2 Turn on the connected components.

After all components are running, allow about 30 seconds for the display image to appear. If the power LED is not green or you do not see a display image, check the connections. For more troubleshooting information, see “Troubleshooting” on page 32.

- 3 Use the lens adjustment wheels to adjust the display image.

You can also use the on-screen display (OSD) to make additional display setting adjustments if necessary. For more information, see “OSD options” on page 23.



OSD options

This projector features an on-screen display (OSD) that lets you adjust and save contrast, brightness, and other display settings.

Use the remote control to access all OSD functions.

- **SOURCE**
Press to view the current video input source and switch between video input sources.
- **MENU**
Press to view the OSD. Press again to exit.
- **Joystick**
Move the joystick up and down to highlight OSD options, or left and right to adjust OSD options.
- **Enter**
Press to select an OSD option.

Important



If you are connected to your computer, **always** press the **AUTO** button before entering the OSD. This automatically adjusts the display image to the ideal settings for the video input source.

The AUTO function is only available when the projector is connected to your computer.



To adjust the OSD settings:

- 1 Press the **MENU** button. The OSD menu opens.
- 2 Move the joystick up or down to highlight a control, then press the **Enter** button.
- 3 Move the joystick left or right to adjust the control to the desired level.
- 4 Press the **MENU** button to return to the main navigation bar on the left of the OSD menu.
- 5 When you have finished making all adjustments, press the **MENU** button to exit the OSD.



OSD menus

OSD Menu

VIDEO

Menu

Back

Move

Enter

Adjust

Video	Contrast	<div></div>	52
Position	Brightness	<div></div>	74
Special	Color	<div></div>	50
Tracking	Tint	<div></div>	50
Reset		Press enter to reset	

- OR -

Menu

Back

Move

Enter

Adjust

Video	Contrast	<div></div>	52
Position	Brightness	<div></div>	74
Special	Color R	<div></div>	50
Tracking	Color G	<div></div>	50
	Color B	<div></div>	50
Reset		Press enter to reset	

POSITION

Menu

Back

Move

Enter

Adjust

Video			
Position	Horizontal	<div></div>	0
Special	Verticle	<div></div>	0
Tracking	Keystone	<div></div>	-5
Zoom		press enter to start	
Resize		scale	

Description

Contrast. Adjusts the contrast of the display image.

Brightness. Adjusts the brightness of the display image.

You may need to readjust brightness after the projector has warmed up.

Color. Increases the color range of the display image.

This option is not available when connected to your computer.

Tint. Increases the red or blue tint of the display image.

This option is not available when connected to your computer.

Color (R,G, B). Customizes the red, green, and blue color levels.

This option is only available when connected to your computer.

Reset. Returns all settings to factory defaults.

Vertical. Adjusts the display image up and down.

Horizontal. Adjusts the display image left and right.

Keystone. Corrects a display image that is wider at the top or at the bottom.

To eliminate text distortion, do not use when displaying text or spreadsheets.

Zoom. Activates the Zoom option.

Resize. Switches between a display image mode of 4:3 or 16:9.

- OR -

Switches between an enlarged and original display image mode when connected to your computer.

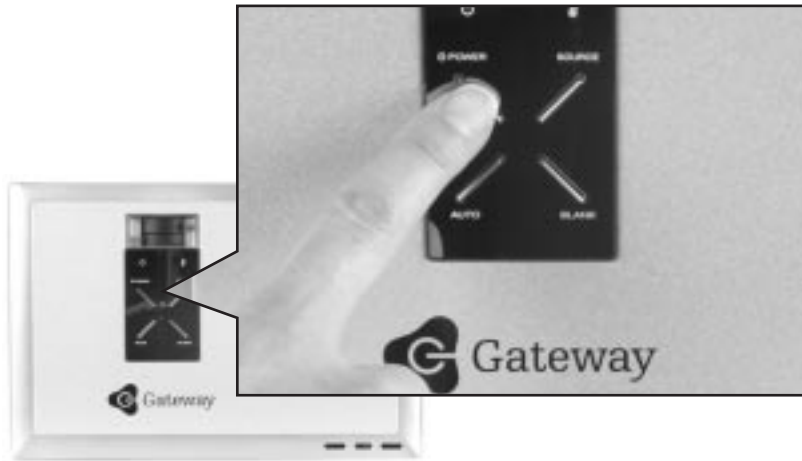
OSD Menu	Description																
SPECIAL <div> <div>Menu Back Move Enter Adjust</div> <table> <tr><td>◀ Video</td><td></td></tr> <tr><td>◀ Position</td><td></td></tr> <tr><td>◀ Special</td><td>Source Analog RGB</td></tr> <tr><td>◀ Tracking</td><td>Language English</td></tr> <tr><td></td><td>Flip horizontal Press enter to flip</td></tr> <tr><td></td><td>Flip verticle Press enter to flip</td></tr> <tr><td></td><td>Blank image Blue</td></tr> <tr><td></td><td>Lamp time 14 hours</td></tr> </table> </div>	◀ Video		◀ Position		◀ Special	Source Analog RGB	◀ Tracking	Language English		Flip horizontal Press enter to flip		Flip verticle Press enter to flip		Blank image Blue		Lamp time 14 hours	<p>Source. Shows the current video input source and switches between available video input sources.</p> <p>Language. Changes the language of the OSD menu. Choose between English, French, German, Italian, Spanish, Korean, Simplified Chinese, and Traditional Chinese.</p> <p>Flip Horizontal. Flips the display image so it can be viewed correctly when the projector is set up for rear screen projection.</p> <p>Flip Vertical. Flips the display image so it can be viewed correctly when the projector is ceiling-mounted.</p> <p>Blank Image. Displays a blank screen. Choose between blue, black, green, and a Gateway Logo screen.</p> <p>Lamp Time. Displays the hours that the lamp has been in use and resets the timer when the lamp module has been replaced.</p>
◀ Video																	
◀ Position																	
◀ Special	Source Analog RGB																
◀ Tracking	Language English																
	Flip horizontal Press enter to flip																
	Flip verticle Press enter to flip																
	Blank image Blue																
	Lamp time 14 hours																
TRACKING <div> <div>Menu Back Move Enter Adjust</div> <table> <tr><td>◀ Video</td><td></td></tr> <tr><td>◀ Position</td><td></td></tr> <tr><td>◀ Special</td><td></td></tr> <tr><td>◀ Tracking</td><td>Auto tracking Press enter to start</td></tr> <tr><td></td><td>Clock <div></div> 29</td></tr> <tr><td></td><td>Phase <div></div> 19</td></tr> </table> </div>	◀ Video		◀ Position		◀ Special		◀ Tracking	Auto tracking Press enter to start		Clock <div></div> 29		Phase <div></div> 19	<p>Auto Tracking. Automatically adjusts the display image to the best settings for the video input source.</p> <p>This option is only available when connected to your computer.</p> <p>Clock. Minimizes any vertical bars or stripes visible on the screen background. The horizontal screen size also changes to fit the image size.</p> <p>Phase. Removes any horizontal distortion and clears or sharpens the displayed characters.</p>				
◀ Video																	
◀ Position																	
◀ Special																	
◀ Tracking	Auto tracking Press enter to start																
	Clock <div></div> 29																
	Phase <div></div> 19																

Shutting down the projector



To shut down the projector:

- 1 Turn off all connected components.
- 2 Press the POWER button on the projector. A warning message appears.



- 3 Press the POWER button again to turn off the projector.

Warning



The projector needs a 90-second cool-down period. Do not disconnect the power cable until the fan stops, or you may damage the projector.

- 4 Wait until the fan stops, then disconnect the power cable.

Important



After the projector fan has been turned off and the fan stops, you must wait for 90 seconds before you can start the projector.



Maintaining the projector

The only user-replaceable part in the projector is the lamp module. Contact Gateway Technical Support for any additional service or repair.

Warning



To prevent electric shock, do not open the projector case. There are no user-replaceable parts inside. Contact Gateway Technical Support for service or repair.

Changing the lamp module

You should replace the lamp module and reset the lamp timer in the projector every 1500 hours to maintain the best possible display image. Do not use a lamp module past the rated lamp life.

Warning



The high-pressure lamp module may explode if handled incorrectly. Make sure that the projector is turned off, power is disconnected, and the lamp is completely cool (minimum of 45 minutes) before replacing the lamp module.

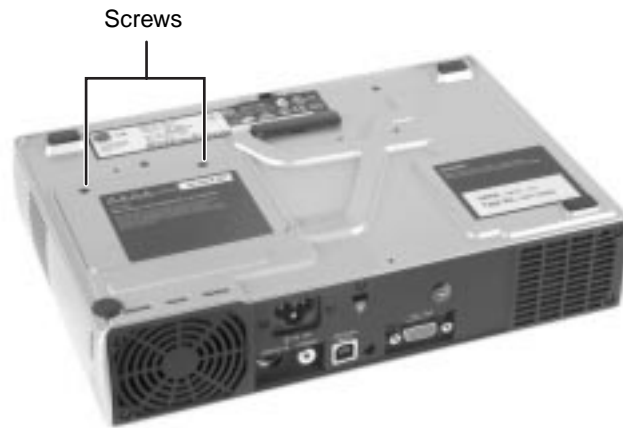


To replace the lamp module:

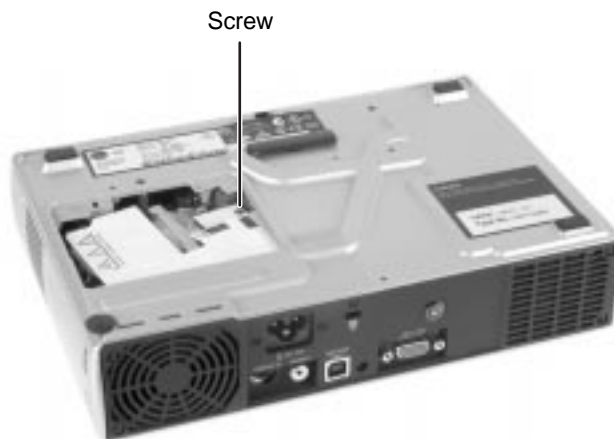
- 1 Turn off the projector and wait for the fan to stop.
- 2 Disconnect the power cord and all other external cables.
- 3 Let the projector lamp cool completely (approximately 45 minutes).
- 4 Turn the projector over so the bottom is facing up.



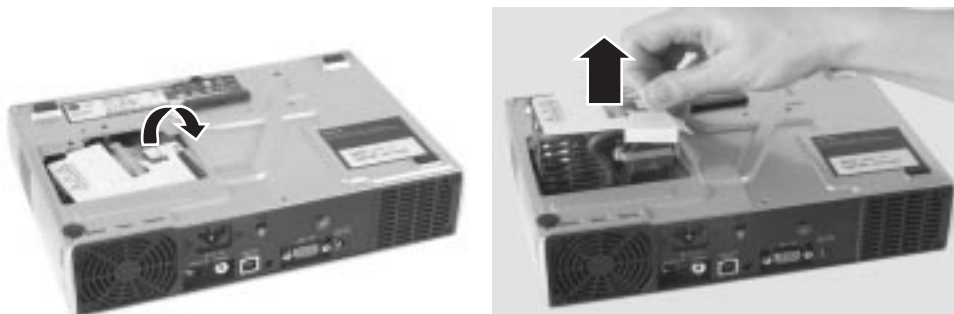
- 5** Remove the two lamp access panel screws, then remove the lamp access panel.



- 6** Remove the lamp module retaining screw.



- 7 Unsnap the lamp removal handle, then lift the lamp module straight up out of the lamp bay.



- 8 Gently press the new lamp module into the lamp bay. The lamp module is keyed so it can only be inserted in one direction. If the lamp module does not fit, make sure that the cable connections line up with the connectors in the lamp bay.



- 9 Replace the lamp module retaining screw.
- 10 Replace the lamp bay access panel, then replace the access panel screws.



- 11** Turn the projector over.
- 12** Connect the power cable and all external cables.



To reset the lamp timer:

- 1** Press the POWER button on the top of the projector twice, a warning message appears.
- 2** Press the AUTO and BLANK buttons at the same time. A lamp hour icon will appear on the screen.
- 3** Press the AUTO button to reset the lamp timer.

Cleaning the projector

Keeping the projector clean and the vents free from dust helps keep it performing at its best.

Warning



Make sure that the projector is off, power is disconnected, and the lamp is completely cool (minimum of 45 minutes) before cleaning the projector.

Cleaning the exterior

Always turn off the projector and wait for it to cool before cleaning it.

Use a damp, lint-free cloth to clean the projector case. Do not use abrasive or solvent cleaners because they can damage the finish.

The projector is cooled by air circulated through the vents on the case, so keep the vents free of dust. With the projector turned off and unplugged, brush the dust away from the vents with a damp cloth. Be careful not to drip any water into the vents. Do not attempt to clean dust from the inside the projector.

Cleaning the projector lens

Always turn off the projector and wait for it to cool before cleaning the projector lens.

Use a soft cloth and glass cleaner to clean the projector lens. Squirt a little cleaner on the cloth (never directly on the lens), and wipe the lens with the cloth.

Accessories

Gateway offers accessories that can help you make the most of using the projector. To order accessories, visit the Accessory Store at accessories.gateway.com.

Carrying cases

Gateway has large-capacity carrying cases if you need additional space for accessories or supplies.

Ceiling mount kits

Gateway has ceiling mounting kits available that let you mount the projector to the ceiling.

Portable projection screens

Gateway has portable projection screens available so you can get the best display possible in any room.

Replacement lamps

Gateway has the correct replacement lamps for the projector. Lamps should be replaced every 1500 hours of operation. See “Changing the lamp module” on page 27 to learn how to replace the lamp module.

Troubleshooting

Warning



To avoid bodily injury, do not attempt to troubleshoot the projector problem if:

- Power cable or plug are damaged
- Liquid has been spilled into the projector
- The projector was dropped
- The projector case was damaged

Instead, unplug the projector and contact a qualified service technician.

First steps

Try these things first:

- Make sure that the power cable is connected to the projector and an AC outlet and that the AC outlet is supplying power.
- If you use a power strip, make sure that it is turned on.
- Make sure that all components are connected correctly and securely. For more information, see “Connecting components” on page 17.
- If an error message appears on the screen, see “On-screen status messages” on page 35.

If the suggestions in the Troubleshooting section of this guide does not correct the problem, contact Gateway Technical Support at 800-846-2303.

Before calling Gateway Technical Support:

- Have your customer ID, serial number, and order number available, along with a detailed description of your problem, including the exact text of any error messages, and the steps you have taken.
- Make sure that the projector is nearby at the time of your call. The technician may have you follow troubleshooting steps.

Common problems and solutions

No power

- Make sure that the power cable is connected to the projector and an AC outlet and that the AC outlet is supplying power.
- Wait 90 seconds after the projector fan stops before starting the projector again.

No picture

- Press the **SOURCE** button on the remote control to select the correct video input source. For more information, see “Remote front” on page 12.
- Make sure that all components are connected correctly and securely. For more information, see “Connecting components” on page 17.
- If you are connected to a notebook, make sure that the notebook’s display settings were changed so the display image is viewed through the projector. See the documentation that came with your notebook for information about changing display settings.
- Access the OSD menus to adjust the brightness and contrast. For more information, see “OSD options” on page 23.

No sound

- Make sure that all components are connected correctly and securely. For more information, see “Connecting components” on page 17.

Display image is wider on the top or bottom

- Press the **KEYSTONE** buttons on the remote control to adjust the display image. For more information, see “Remote back” on page 14.
- Reposition the projector to get a better angle on the projection screen.

Display image is poor or blurred

- If the projector is connected to your computer, press the **AUTO** button on the remote control to automatically adjust the display image to the ideal settings.
- Use the lens adjustment wheel to manually focus the display image.
- Use the OSD menus to adjust the brightness and contrast. For more information, see “OSD options” on page 23.
- Reposition the projector to get a better angle on the projection screen.

Remote control does not work

- Make sure that you are less than 29.5 feet (9 meters) from the infrared remote sensors on the front and back of the projector.
- Make sure that nothing is blocking the infrared remote sensors on the front and back of the projector.
- Replace the batteries in the remote control. For information on replacing the batteries, see “Remote control” on page 11.

LED status

Power LED	Lamp LED	Problem	Possible Cause
Flashing orange	Red	Fan On error	The fan is not running.
Green	Orange	Lamp Case Open error	The lamp access panel is closed.
Orange	Orange	Lamp On error	The lamp is not on.
Orange	Flashing orange	Lamp Time Over error	The lamp module has been in operation between 1400 hours and 1500 hours.
Red	Orange	Lamp Time Over error	The Lamp module has been in operation over 1500 hours. Replace lamp module.
Orange	Flashing red	Temperature error	The lamp temperature is between 161.6°F (72°C) and 165.2°F (74°C).
Red	Red	Temperature error	The lamp temperature is over 165.2°F (74°C). Turn off the projector immediately.

On-screen status messages

No signal

Projector is searching for a video input source.

Out of range

You are too far away from the projector for the remote to function correctly.

Replace the lamp!

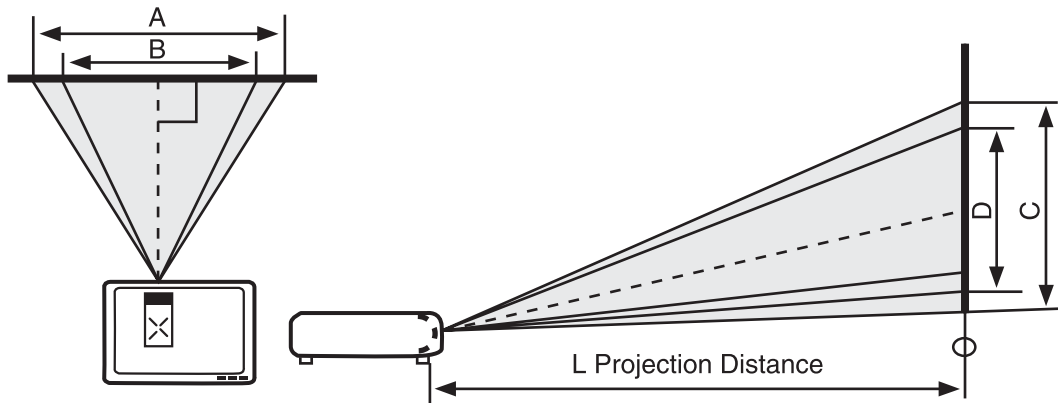
The lamp module has been in operation for more than 1500 hours. For information on replacing the lamp module, see “Changing the lamp module” on page 27.

Specifications

Specifications are subject to change without notice or obligation.

Model	GW205
Resolution	800 × 600 SVGA
Display system	1-chip DMD
Lens F-number	F/2.4
Lamp	150 W NSH lamp
Power supply	AC 100 ~ 240 V, 3 A, 50/60 Hz (automatic)
Power consumption	250 W (max.)
Dimensions (W × H × D)	9.76 × 2.32 × 6.69 inches (248 × 59 × 170 mm)
Weight	3 lbs (1.7 Kg)
Operating temperature	41°F ~ 95°F (5°C ~ 35°C)
Certifications	FCC Class B, ICES-003 Class B, UL, cUL

Display size chart



Display Size (Maximum)			L. Projection Distance	Display Size (Minimum)		
Diagonal	A. Width	C. Height		Diagonal	B. Width	D. Height
33.4 in. (84.8 cm)	26.7 in. (67.9 cm)	20.1 in. (50.9 cm)	4.92 ft. (1.5 m)	25.7 in. (65.28 cm)	20.6 in. (52.2 cm)	15.4 in. (39.2 cm)
44.5 in. (113.0 cm)	35.6 in. (90.5 cm)	26.7 in. (67.9 cm)	6.56 ft. (2 m)	34.3 in. (87.12 cm)	27.4 in. (69.6 cm)	20.6 in. (52.2 cm)
66.8 in. (169.7 cm)	53.4 in. (135.7 cm)	40.1 in. (101.8 cm)	9.84 ft. (3 m)	51.4 in. (130.6 cm)	41.1 in. (104.4 cm)	30.8 in. (78.3 cm)
89.1 in. (226.3 cm)	71.3 in. (181.0 cm)	53.4 in. (135.7 cm)	13.12 ft. (4 m)	68.5 in. (174.0 cm)	54.8 in. (139.2 cm)	41.1 in. (104.4 cm)
111.3 in. (282.7 cm)	89.1 in. (226.2 cm)	66.8 in. (169.7 cm)	16.40 ft. (5 m)	85.6 in. (217.4 cm)	68.5 in. (174.0 cm)	51.4 in. (130.5 cm)
133.6 in. (339.3 cm)	106.9 in. (271.5 cm)	80.2 in. (203.6 cm)	19.69 ft. (6 m)	102.8 in. (261.1 cm)	82.2 in. (208.8 cm)	61.7 in. (156.6 cm)
155.9 in. (396.0 cm)	124.7 in. (316.7 cm)	93.5 in. (237.5 cm)	22.97 ft. (7 m)	119.9 in. (304.5 cm)	95.9 in. (243.6 cm)	71.9 in. (182.7 cm)
178.1 in. (452.4 cm)	142.5 in. (362.0 cm)	106.9 in. (271.5 cm)	26.25 ft. (8 m)	137.0 in. (348.0 cm)	109.6 in. (278.4 cm)	82.2 in. (208.8 cm)

Timing chart

Resolution	Horizontal Sync	Vertical Sync	Remark
640 × 350	31.5 kHz	70.1 Hz	
640 × 400	37.9 kHz	85.1 Hz	VESA
720 × 400	31.5 kHz	70.1 Hz	
720 × 400	37.9 kHz	85.1 Hz	VESA
640 × 480	31.5 kHz	60.0 Hz	VESA
640 × 480	35.0 kHz	66.7 Hz	Macintosh
640 × 480	37.9 kHz	72.8 Hz	VESA
640 × 480	43.3 kHz	85.0 Hz	VESA
800 × 600	35.2 kHz	56.3 Hz	VESA
800 × 600	37.9 kHz	60.3 Hz	VESA
800 × 600	48.1 kHz	72.2 Hz	VESA
800 × 600	46.9 kHz	75.0 Hz	VESA
800 × 600	53.7 kHz	85.1 Hz	VESA
832 × 624	49.7 kHz	74.5 Hz	Macintosh
1024 × 768	48.4 kHz	60.0 Hz	VESA
1024 × 768	56.5 kHz	70.1 Hz	VESA
1024 × 768	60.0 kHz	75.0 Hz	VESA
1024 × 768	68.7 kHz	85.0 Hz	VESA
1280 × 1024	64.0 kHz	60.0 Hz	VESA

Many products for Gateway and its subsidiaries are custom engineered by our suppliers to Gateway specifications and may vary from similarly marketed products.



Safety, Regulatory, and Legal Information

Important safety information

The Gateway projector is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that the safety instructions marked on the product and in the documentation are followed.

Warning



Always follow these instructions to help guard against personal injury and damage to the Gateway projector.

A



Setting up the projector

- Read and follow all instructions marked on the product and in the documentation before you operate the projector. Retain all safety and operating instructions for future use.
- Do not use this product near water or a heat source such as a radiator.
- Set up the projector on a stable work surface.
- The product should be operated only from the type of power source indicated on the rating label.
- If the projector is connected to a computer, make sure that the voltage selector switch is in the proper position for your area. The voltage selector switch is set at the factory to the correct voltage.
- Openings in the projector case are provided for ventilation. Do not block or cover these openings. Make sure you provide adequate space, at least 6 inches (15 cm), around the projector for ventilation when you set up your work area. Never insert objects of any kind into the ventilation openings.
- Some products are equipped with a three-wire power cord to make sure that the product is properly grounded when in use. The plug on this cord will fit only into a grounding-type outlet. This is a safety feature. If you are unable to insert the plug into an outlet, contact an electrician to install the appropriate outlet.
- If you use an extension cord with this projector, make sure that the total ampere rating on the products plugged into the extension cord does not exceed the extension cord ampere rating.
- If the projector is connected to a product fitted with a TV Tuner, cable, or satellite receiver card, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and buildup of static charges.

Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill anything on the projector. The best way to avoid spills is to avoid eating and drinking near the projector.
- When the projector is turned off, a small amount of electrical current still flows through the projector. To avoid electrical shock, always unplug all power cables from the wall outlets and any other cable connections before cleaning the projector.
- Unplug the projector from the wall outlet and refer servicing to qualified personnel if:
 - The power cord or plug is damaged.
 - Liquid has been spilled into the projector.
 - The projector does not operate properly when the operating instructions are followed.
 - The projector was dropped or the projector case is damaged.
 - The projector performance changes.

Replacement parts and accessories

Use only replacement parts and accessories recommended by Gateway.

Important



Do not use Gateway products in areas classified as hazardous locations. Such areas include patient care areas of medical and dental facilities, oxygen-laden environments, or industrial facilities.

Regulatory compliance statements

United States of America

Federal Communications Commission (FCC)

Unintentional emitter per FCC Part 15

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Compliance Accessories: The accessories associated with this equipment are: shielded video cable when an external monitor is connected. These accessories are required to be used in order to ensure compliance with FCC rules.

FCC declaration of conformity

Responsible party:

Gateway Companies, Inc.
610 Gateway Drive, North Sioux City, SD 57049
(605) 232-2000 Fax: (605) 232-2023

Product:

- *Gateway 205 Projector*

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution



Changes or modifications not expressly approved by Gateway could void the FCC compliance and negate your authority to operate the product.

Canada

Industry Canada (IC)

Unintentional emitter per ICES-003

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada.

Laser Radiation

Warning



Laser Radiation – Do not stare into the laser beam.

California Proposition 65 Warning

Warning



This product contains chemicals, including lead, known to the State of California to cause cancer and/or birth defects or reproductive harm.

Notices

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Poway, CA 92064 USA

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Macrovision statement

If the projector is connected to a computer that has a DVD drive and an analog TV Out port, the following paragraph applies:

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

